Joint Test Nomination Primer

Joint Test and Evaluation

http://www.jte.osd.mil

This training module was produced by Joint Test and Evaluation-Suffolk for more information contact the Training Manager at 757-638-6102

Joint Test Nomination Primer

The Joint Test nomination primer will include the following:

- **What must a nomination address to qualify?**
- **What elements should a nomination include, and to what level of detail should a nomination be written?**
- **What is the nomination development process?**

What must a nomination address to qualify?

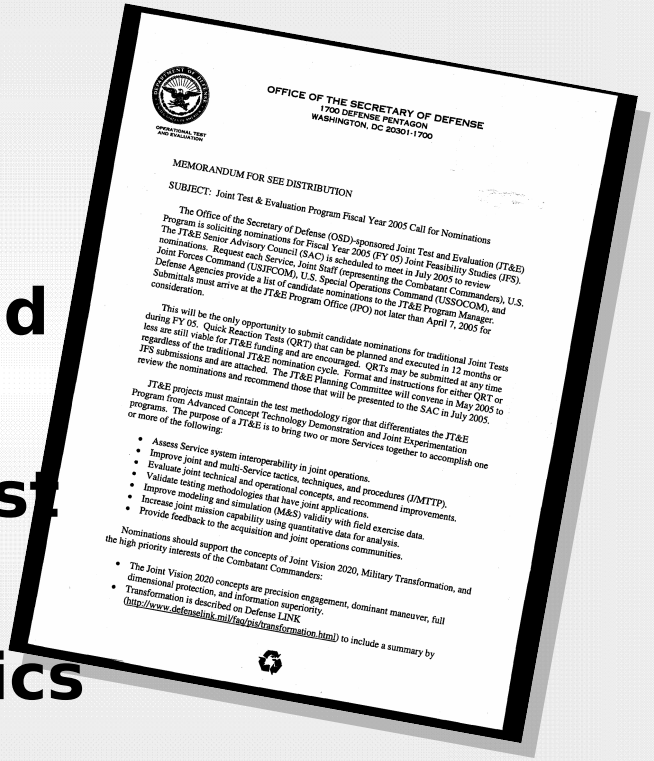
A nomination must satisfy at least one of the following:

- Assess Service interoperability in joint operations and explore potential solutions to identified problems.
- Evaluate joint technical and operational concepts, and recommended improvements.
- Increase joint mission capability, using quantitative data for analysis.
- Validate operational testing methodologies that have joint applications.
- Improve modeling and simulation validity with field exercise data.
- Provide feedback to the acquisition and joint operations communities.
- Improve joint tactics, techniques, and procedures.

Source: DoD Directive Dated Sep 12, 2005

What elements should a nomination include?

1. Title
2. Proposed Problem Statement
3. Problem Background and Explanation
4. Purpose of Proposed Test
5. Related Efforts
6. Feasibility Study Logistics
7. Sponsorship



OFFICE OF THE SECRETARY OF DEFENSE
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WASHINGTON, DC 20301-1700

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Joint Test & Evaluation Program Fiscal Year 2005 Call for Nominations

The Office of the Secretary of Defense (OSD)-sponsored Joint Test and Evaluation (JT&E) Program is soliciting nominations for Fiscal Year 2005 (FY 05) Joint Feasibility Studies (JFS). The JT&E Senior Advisory Council (SAC) is scheduled to meet in July 2005 to review nominations. Request each Service, Joint Staff (representing the Combatant Commanders), U.S. Joint Forces Command (USJFCOM), U.S. Special Operations Command (USSOCOM), and Defense Agencies provide a list of candidate nominations to the JT&E Program Manager. Submittals must arrive at the JT&E Program Office (JPO) not later than April 7, 2005 for consideration.

This will be the only opportunity to submit candidate nominations for traditional Joint Tests during FY 05. Quick Reaction Tests (QRT) that can be planned and executed in 12 months or less are still viable for JT&E funding and are encouraged. QRTs may be submitted at any time regardless of the traditional JT&E nomination cycle. Format and instructions for either QRT or JFS submissions and are attached. The JT&E Planning Committee will convene in May 2005 to review the nominations and recommend those that will be presented to the SAC in July 2005.

JT&E projects must maintain the test methodology rigor that differentiates the JT&E Program from Advanced Concept Technology Demonstration and Joint Experimentation programs. The purpose of a JT&E is to bring two or more Services together to accomplish one or more of the following:

- Assess Service system interoperability in joint operations.
- Improve joint and multi-Service tactics, techniques, and procedures (J/MTTP).
- Evaluate joint technical and operational concepts, and recommend improvements.
- Validate testing methodologies that have joint applications.
- Improve modeling and simulation (M&S) validity with field exercise data.
- Increase joint mission capability using quantitative data for analysis.
- Provide feedback to the acquisition and joint operations communities.

Nominations should support the concepts of Joint Vision 2020, Military Transformation, and the high priority interests of the Combatant Commanders:

- The Joint Vision 2020 concepts are precision engagement, dominant maneuver, full dimensional protection, and information superiority.
- Transformation is described on Defense LINK (http://www.defenselink.mil/faq/pis/transformation.html) to include a summary by

Source: OSD Call for FY 2007 Nominations Letter
JT Nomination Submittal Outline (encl 2)
(See JT&E website URL: http://www.jte.osd.mil)

1. Title

The title must include:

- The proposed joint test and the associated acronym or abbreviation (for example, Joint Fires Coordination Measures [JFCM]).
- The **sponsoring organization or agency**. (More information on sponsorship will be provided in section 7.)
- The POC's and/or briefer's name(s), organization(s), e-mail address(es), and telephone number(s).
- The date.

Proposed Problem Statement

The proposed problem statement is a one- or two-sentence statement that describes what problem the proposed joint test intends to solve.

- The proposed problem statement should be **inclusive yet focused** and indicate whether the proposed test will solve the entire problem or only a subset of the problem.
  For example:

"The Joint Force Commander's ability to employ kill boxes as a fire support coordinating measure to integrate fires with maneuver is limited by a lack of standardized joint tactics, techniques, and procedures."

3. Problem Background and Explanation

The background and explanation section (five pages or less) must:

- Include the nature and **origin** of the problem. (That is, examples of missions and scenarios that **demonstrate the need** must be included.)
- Answer the question, "What **cannot be done now** or what inhibitors might exist?"
- Answer the question, "**Who has** the problem?" (For example, Services or Combatant Commands (COCOM)s)
- Answer the question, "**Who says** this is a problem?" Be specific, and name names such as:
  - ✓ The warfighter (for example, COCOM Flags [higher is better])
  - ✓ The JCS, USJFCOM, or Services (two or more)
- Emphasize that the problem is a **joint problem**. For example:
  - ✓ Cite affected UJTL tasks (even CONPLANS or EXORDS)
  - ✓ Identify affected joint CONOPS, doctrine, and TTP (COCOM and multi-Service)
- Identify the **extent and impact** of the problem.
  - ✓ Is it **widespread or localized**?
  - ✓ Is it a **major limitation or minor detraction** to the mission?
- Will the proposed joint test solve the **whole problem** or just a subset?
  - ✓ The scope **must** relate to the proposed problem statement and explanation.
  - ✓ Any known limitations **must** be included.

4. Purpose of Proposed Test

The purpose of the proposed test section (three pages or less) must:

- Include a **clear purpose statement**. There should be direct, evident traceability between the purpose and the proposed problem statement. However, the proposed problem statement must **not** be simply restated.
- Explain **expected results** if this effort becomes a joint test. That is, explain what the **immediate and long-term test products** will be.
- Identify the **expected benefit** to the warfighter customer.
- Specify what the **improved operational capability** will be and who will benefit. (Specifics included here will help.)

Common mistakes include:

- Stating a purpose that is unrelated to the problem statement.
- Not explaining the purpose of the joint test, and listing only the expected results
or benefits.
- Grossly overstating benefits or citing benefits that are of no relevance to the warfighter.

5. Related Efforts

The related efforts section (two pages or less) must:

- Include what other organizations are doing with related efforts.
  - ✓ Consider ACTDs, Service initiatives, TTP under development, technology programs, studies, etc.
- Describe how the proposed test is not duplicative of any other efforts.
  - ✓ For example, the proposed test may be testing the same system as another initiative, but the focus is on process and procedures rather than technology.
- Identify what has been done to date to solve the problem and what is planned.
  - ✓ Example: Others may be looking at the same problem as another initiative, but their focus may be on the technology
- Address any relevance to and/or synergy with other joint tests.
  - ✓ Consider OSD JTs and QRTs. (Descriptions of these efforts are available through the JT&E Program Office.)

6. Feasibility Study Logistics

The feasibility study logistics section (one page) must:

(Please note the comment on the Outline regarding the identification of resources as part of the nomination package.)

- Include the proposed **Feasibility Study Director** and contact information.
  - ✓ Generally, the Feasibility Study Director will be an O-5 or GS-15, but an O-6 would be better since an O-6 is expected for JT&E execution.
  - ✓ If coordination on this issue has taken place, it is a **big plus**.
- Identify where the feasibility study and joint test (if chartered) could **bed-down**.
  - ✓ This is a direct linkage to the sponsor issue.
  - ✓ If coordination on this issue has taken place, it is a **big plus**.
- Identify what **resources** will be required to execute a feasibility study.
  - ✓ If possible, discuss with previous Feasibility Study Directors prior to submitting the nomination.
  - ✓ Expect that OSD will help with resources for a few contractors, but be ready to discuss what the sponsor can provide.
  - ✓ If coordination on this issue has taken place, it is a **big plus**.

7. Sponsorship

JFS/JT&E Sponsorship

There are two types of sponsors:

- Operational Sponsors (for example, COCOM sponsors)
- Resource Sponsors (for example, Service or COCOM sponsors)

In general, OSD funds test-unique costs, while the resource sponsors fund operational, administrative, government civilian salary, and infrastructure expenses.

(For more information, refer to the JT&E Handbook available through the website at http://www.jte.osd.mil.)

The sponsorship letter (from the sponsor) must include the following information:

- Identification of the Feasibility Study Director.
  Generally, the Feasibility Study Director will be an O-5 or GS-15, but an O-6 would be better since an O-6 is expected for JT&E execution.
- Identification of the bed-down location (if not to be the Joint Test and Evaluation-Suffolk in Suffolk, Virginia).

NOTE: If not anticipated and pre-coordinated, the sponsorship issue could end further progress of the nomination.

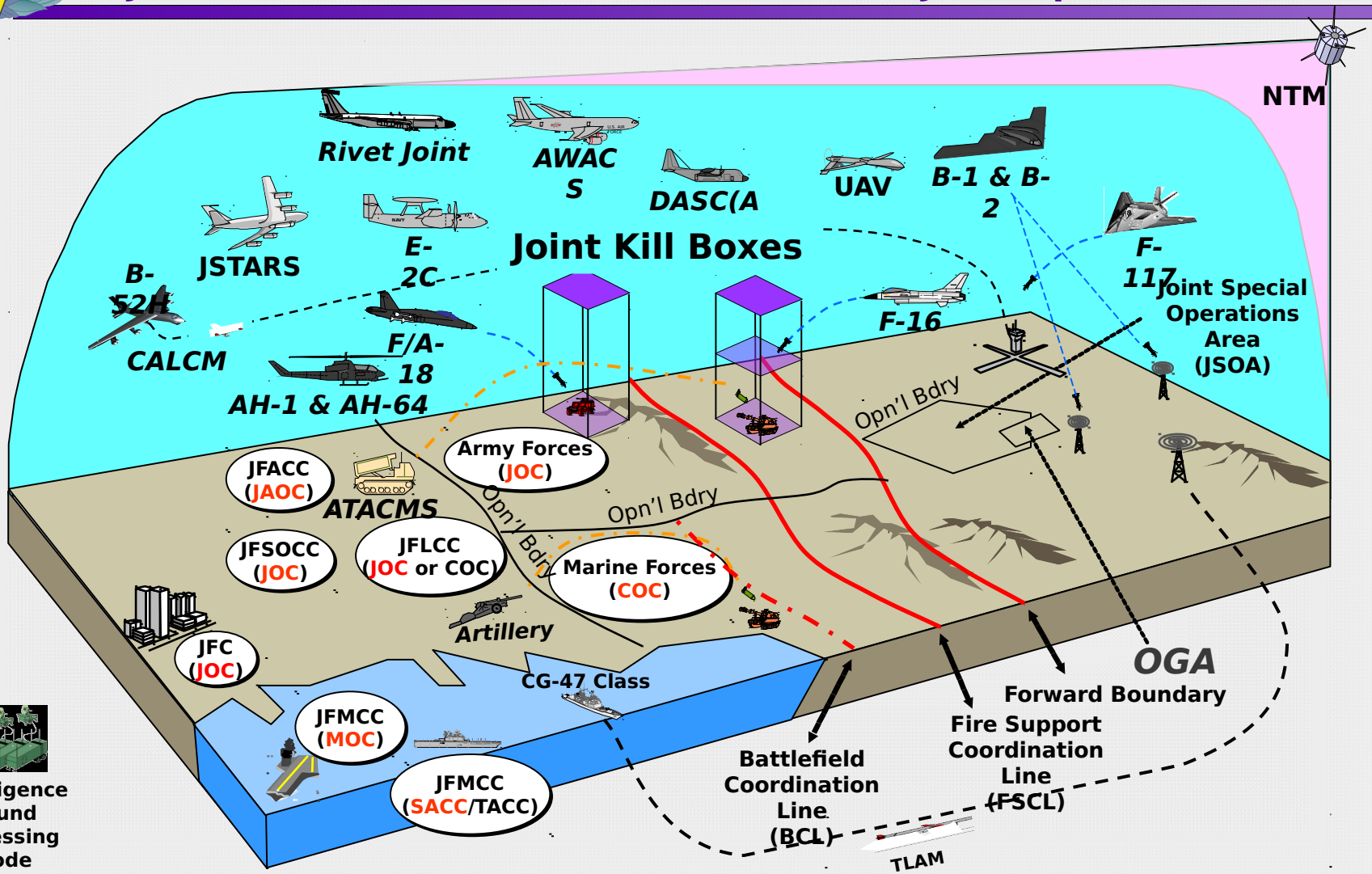
Beneficial Items to Include

The following items are beneficial, but <u>not required</u>, in a written nomination:

- Explanation of the preliminary test concept
  - ✓ Use of a diagram to show an operational scenario (for example, an operational view [example on next slide],
    a systems view, or both [better])
  - ✓ Identification of a possible test approach (for example, baseline vs. enhanced)
- Details on the JT scope
  - ✓ Relating the scope to the problem statement and explanation
  - ✓ Indicating any limitations

Sample Operational Diagram

Joint Fires Coordination Measures in the Joint Operations Area



Module Summary

- **What must a nomination address to qualify?**
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- **What is the nomination development process?**

Bottom Line:

Focus r roviding suppo fighter!

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